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texture, even after death, more tender than the rest. The other viscera had not the least change of their colour, but exhibited a sound and natural appearance.

Another child, which I saw, was seized with a dysentery, attended with a very ardent fever; which, notwithstanding my utmost endeavours to relieve it, carried off the poor infant on the third day. Several, almost the whole, of this child's discharges by stool were nothing but blood. Upon opening the body after death, the whole of the intestines were in a very great degree inflamed, and of an intensely deep red colour, and the contents of the abdomen were inexpressibly fetid.

Throughout the whole course of the disease, keeping the patient moderately warm and promoting his perspiration, was of great importance; and the not sufficiently attending to this, I more than once saw followed by fatal effects.

CVI. *Viro inclyto ac de Republica Literaria meritissimo D. C. Morton, Med. Doct. Societati Regiæ Scientiarum Londinensi ab Actis S. P. D. Joannes Lulofs.*

Read Dec. 4,
1762.

NISI morbo sic satis diuturno fuisset retentus, dudum, Vir spectatissime, ad te dedissem literas, gratias acturus, quod me quoque illustri societatis Regiæ Præsidi ac reliquis ejusdem inembris ita commendare volueris, ut, quantum mihi
ex

ex literis quibusdam ex Anglia missis constitit, inter societatis membra numerari mihi contingat: id omni verum contentione me facturum promitto, ut eo nomine haud indignus penitus haberi queam. Licet autem Patriæ Fluvii, quorum cura mihi a summis Imperantibus est commissa, multum istius temporis, quod olim astronomiæ ac cœlestibus observationibus dare solebam, mihi eripiant, attamen ita Uraniæ amor imis medullis est infixus, ut saltem notabilia cœli phænomena observare nunquam intermittam: ideoque non ingratum fore tibi, Regiæque Societati confido, si hisce inferam brevem observationum recensionem, quas circa utramque Lunæ, ut et circa Solis eclipsin, quæ hocce anno contigerunt in nostro observatorio habui.

Observatio deliquiî Lunarîs 8 Maii 1762.

Tempore vero - II.	32	46	{ Penumbra admodum densa in Lunæ	
			{ disco apparebat.	
	34	26	Penumbra densa ad Keplerum.	
	36	41	Umbra aliquantum dubia ad Keplerum	
	41	21	Umbra ad Grimaldum.	
	44	16	Grimaldus totus in umbra.	
	51	6	Umbra ad Platonem.	
	51	52	——— ad Copernicum.	
III.	2	18	Digiti obscurati	4, 93
	6	56	Umbra ad Manilium	
	13	6	Digiti obscurati	6, 47
	23	49	———	7, 56
	34	34	Mare Crisium totum in umbra.	
	43	38	Umbra ad Tychonem.	
	50	56	Tycho tantum non totus in umbra.	

Post horam III. 51' 0'' Luna nimium accedebat ad horizontem, ita ut propter vapores, prope eundem hærentes, maculas Lunares non amplius discernere liceret.

ceret. In determinandis phasibus ufui mihi fuit egregium micrometrum Bradleianum ab Hearnio paratum, atque adplicatum telescopio Newtoniano 7 pedum : lens tamen micrometri, cum speculo juncta, tantum amplificat diametrum apparentem 45^{ies}.

Observatio eclipsis Solaris 17 Octob. 1762.

h ' "

Tempore vero VII. 17 50 ex nubibus emergebat Sol, eclipsis jam inceperat, fere 0,75 digitorum.

21	10	partes micrometri	38	33	digiti obfcurati	1,170
26	50	- - -	35	37	- -	1,974
32	54	- - -	33	5	- -	2,756
37	19	- - -	29	34 $\frac{1}{2}$	- -	3,666
46	53	- - -	26	28	- -	4,718
53	20	Luna ad macularum maximam.				

55	5	- - -	24	20	- -	5,163
58	50	- - -	24	0	- -	5,302

VIII.	1	22	- - -	23	25	- -	5,407
	3	32	- - -	23	0	- -	5,581
	8	41	- - -	23	0	- -	5,581
	15	50	- - -	23	5	- -	5,548
	21	12	- - -	24	20	- -	5,163
	22	58	- - -	25	20	- -	4,884
	25	48	- - -	26	20	- -	4,605
	35	42	Macula memorata tota emergit.				

	39	12	- - -	31	20	- -	3,209
	51	39	- - -	37	0	- -	1,675
	56	55	- - -	39	20	- -	0,990

IX. 3 12 Finis.

Micrometrum ita est constitutum, ut in unaquaque revolutione cochleæ contineantur 40 partes minores, quapropter notavi partes tum majores five resolutiones, tum minores, quæ inter limbum Lunæ & inter limbum Solis comprehendebantur: cum autem Solis diameter

meter horizontalis occuparet 43 partes majores, facilis erat determinatio digitorum obscuratorum.

Observatio defectus Lunar^{is} 1 Novemb. 1762.

	^h	[']	["]	
Tempore vero VII.	30	26		Penumbra densa apparet, ita ut initium non longe abesse judicarem.
	40	30		Umbra ad Grimaldum & simul ad mare humorum.
	44	56		Grimaldus totus obtegatur.
	52	26		Tycho totus tegitur.
VIII.	14	4		digiti obscurati - - - 5 6 54
	22	48		- - - - - 6 4 24
	31	49		- - - - - 6 27 39
dubia	50	14		Copernicus totus tegitur.
IX.	3	6		Copernicus totus extra umbram.
	9	16		Umbra per medium Grimaldum.
	11	1		Grimaldus totus extra umbram.
	27	59		Dionysius extra umbram.
	40	56		Umbra ad Schickardum.
	43	9		Schickardus extra umbram.
	48	17		Capuanus extra umbram.

Post horam IX. 50' nebula sensim densior evadens impendebat, quo minus phasēs notare, maculas discernere & eclipsis finem observare potuerim.

Id autem miratus fui in hoc Lunari deliquio, penumbram adeo mature sese monstrasse, 7 vel 8 minutis primis, antequam ipsam umbram animadverterem.

Vale, vir spectatissime, tibi que persuadeas, me nominis tui perpetuum fore cultorem. Dab. Lugduni Batavorum a d. Novembris MDCCLXII.